



**Energy Information Administration**  
Washington, DC

# **Weekly Coal Production**

Production for Week Ended:  
August 22, 1987



# Preface

The *Weekly Coal Production (WCP)* provides weekly production estimates of U.S. coal by State, as well as supplementary data which are published twice a month. Supplement 1 includes monthly statistics on U.S. coal production and aggregated annual historical data on coal supply and demand, consumption, stocks, imports, and exports. Supplement 2 contains monthly data covering electric utility coal consumption, stocks, and receipts; and coal imports and exports.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in

the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1985*, and *Coal Data: A Reference*.

This publication was prepared by Judith Wood under the direction of Charles C. Heath, Acting Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202)586-8800.*

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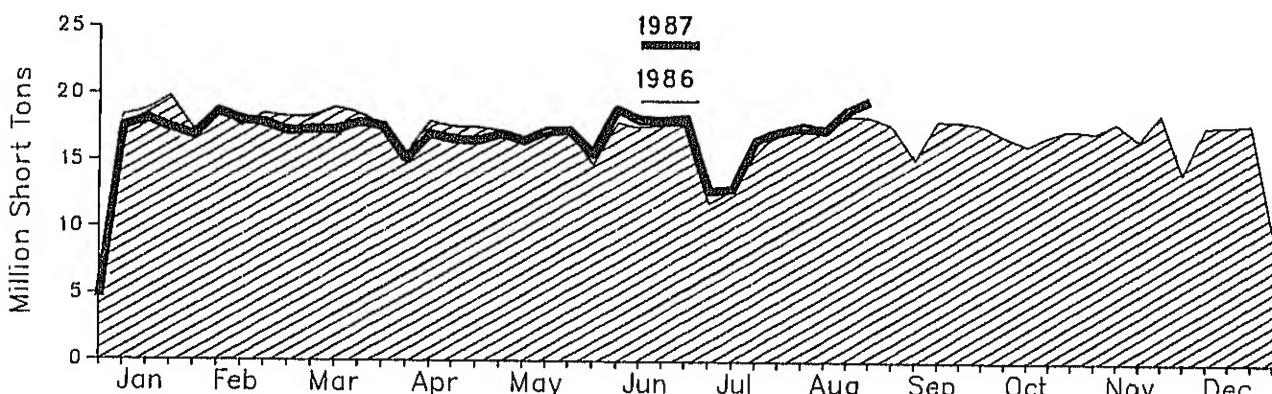
# Highlights

U.S. coal production in the week ended August 22, 1987, as estimated by the Energy Information Administration, totaled 19.6 million short tons (bituminous coal and lignite, 19.5 million short tons; Pennsylvania anthracite, .07 million short tons). This was 3.6 percent higher than in the previous week, and was 6.5 percent higher than production in the corresponding week of 1986.

Cumulative U.S. coal production from January 1 through August 22, 1987, was estimated at 570.9 million short tons, 1.3 percent below the 578.2 million short tons produced in the comparable period in 1986.

The methodology used to make weekly estimates of coal production was published in the Weekly Coal Production (DOE/EIA-0218(86/35)), released for publication on September 8, 1986.

**Figure 1. Coal Production**



**Table 1. Coal Production**

Production and Carloadings	Week Ended			Year to Date		
	08/22/87	08/15/87	08/23/86	08/22/87	08/23/86	Percent Change
<b>Production (Thousand Short Tons)</b>						
Bituminous <sup>1</sup> and Lignite	19,524	18,851	18,325	568,527	576,001	-1.3
Pennsylvania Anthracite	66	64	79	2,395	2,209	8.4
U.S. Total	19,590	18,915	18,403	570,922	578,210	-1.3
Railroad Cars Loaded	127,155	122,806	117,441	3,584,073	3,653,265	

<sup>1</sup>Includes subbituminous coal.

Note: 1986 and 1987 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report" and State mining agency coal production reports.

**Table 2. Coal Production by State**

(Thousand Short Tons)

Region and State	Week Ended		
	08/22/87	08/15/87	08/23/86
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
<b>East of the Mississippi</b>	<b>12,187</b>	<b>11,781</b>	<b>11,767</b>
Alabama	507	496	483
Illinois	1,164	1,185	1,203
Indiana	665	644	625
Kentucky	3,501	3,402	3,485
Kentucky, Eastern	2,521	2,450	2,675
Kentucky, Western	980	953	811
Maryland	100	99	97
Ohio	767	737	696
Pennsylvania Bituminous	1,452	1,389	1,336
Tennessee	132	129	121
Virginia	933	849	886
West Virginia	2,966	2,851	2,834
<b>West of the Mississippi</b>	<b>7,337</b>	<b>7,071</b>	<b>6,557</b>
Alaska	25	25	29
Arizona	226	218	205
Arkansas	1	1	1
Colorado	372	352	250
Iowa	9	8	10
Kansas	14	13	15
Louisiana	75	53	51
Missouri	118	114	97
Montana	678	660	687
New Mexico	639	483	519
North Dakota	575	559	494
Oklahoma	63	62	56
Texas	1,185	1,145	1,066
Utah	390	386	194
Washington	88	85	86
Wyoming	2,879	2,906	2,799
<b>Bituminous<sup>1</sup> and Lignite Total</b>	<b>19,524</b>	<b>18,851</b>	<b>18,325</b>
Pennsylvania Anthracite	66	64	79
<b>U.S. Total</b>	<b>19,590</b>	<b>18,915</b>	<b>18,403</b>

<sup>1</sup>Includes subbituminous coal.

Note: 1986 and 1987 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report" and State mining agency coal production reports.

**Table 3. Coal Receipts and Average Price<sup>1</sup> at Electric Utility Plants**

Census Division and State	May 1987		May 1986		Year to Date		May 1987	May 1986
	(Thousand Short Tons)	(Billion Btu)	(Thousand Short Tons)	(Billion Btu)	1987	1986		
	(Billion Btu)						(Cents per Million Btu)	
New England Total .....	537	14,269	486	12,909	51,374	70,399	173.9	187.9
Connecticut .....	60	1,581	54	1,429	6,730	10,454	239.0	220.8
Maine .....	-	-	-	-	-	-	-	-
Massachusetts .....	411	10,912	348	9,213	33,697	45,580	161.7	180.7
New Hampshire .....	66	1,776	84	2,267	10,948	14,365	191.3	196.1
Rhode Island .....	-	-	-	-	-	-	-	-
Vermont .....	-	-	-	-	-	-	-	-
Middle Atlantic Total .....	4,230	105,010	4,275	105,843	540,944	533,053	150.9	157.3
New Jersey .....	173	4,581	187	4,962	22,832	26,436	180.1	187.5
New York .....	616	15,734	609	15,665	72,894	76,349	153.3	165.2
Pennsylvania .....	3,442	84,696	3,479	85,216	445,217	430,268	148.9	154.1
East North Central Total .....	12,871	285,784	13,928	307,675	1,386,630	1,421,253	166.3	178.2
Illinois .....	2,192	47,079	3,006	63,454	251,016	302,437	198.4	216.5
Indiana .....	3,100	66,870	3,299	70,154	329,976	336,371	148.5	162.9
Michigan .....	2,822	64,403	2,421	55,867	226,604	184,375	178.0	185.5
Ohio .....	3,445	82,164	3,752	89,641	458,643	479,468	159.3	164.2
Wisconsin .....	1,312	25,268	1,450	28,560	120,391	118,602	146.9	160.9
West North Central Total .....	6,282	113,140	6,196	110,763	565,731	572,693	128.3	132.5
Iowa .....	1,102	20,552	880	16,733	75,128	71,859	135.5	147.9
Kansas .....	901	15,913	1,159	20,006	99,486	104,789	130.3	132.9
Minnesota .....	886	15,717	807	14,057	66,738	62,437	131.1	142.4
Missouri .....	1,642	35,925	1,684	36,189	180,802	181,788	147.5	146.8
Nebraska .....	493	8,425	448	7,846	41,441	45,511	91.9	97.8
North Dakota .....	1,203	15,940	1,173	15,395	93,659	97,054	98.7	90.7
South Dakota .....	55	668	45	538	8,485	9,265	123.3	125.2
South Atlantic Total .....	10,488	261,709	9,738	242,513	1,259,596	1,218,367	168.3	178.4
Delaware .....	191	5,005	168	4,355	23,396	24,872	188.6	191.7
District of Columbia .....	-	-	-	-	-	-	-	-
Florida .....	1,969	48,730	1,537	37,924	221,274	187,662	178.6	196.7
Georgia .....	2,096	51,061	2,379	57,975	247,280	286,932	183.3	183.9
Maryland .....	670	17,084	585	14,911	79,550	78,732	157.4	169.1
North Carolina .....	1,432	36,082	1,517	38,163	177,775	184,564	188.8	189.8
South Carolina .....	683	17,364	656	16,684	85,070	70,375	173.8	183.7
Virginia .....	751	19,314	450	11,570	79,325	69,977	158.5	173.0
West Virginia .....	2,695	67,070	2,447	60,932	345,925	323,254	146.6	155.6
East South Central Total .....	6,453	153,830	6,425	152,817	774,670	777,577	151.1	166.2
Alabama .....	1,744	42,874	2,814	49,006	215,905	239,259	194.9	188.7
Kentucky .....	2,628	60,683	2,074	47,993	307,803	258,474	125.9	133.9
Mississippi .....	283	7,270	322	7,930	37,046	44,624	187.8	240.4
Tennessee .....	1,798	43,003	2,015	47,889	213,916	235,220	136.7	144.2
West South Central Total .....	8,833	135,048	7,967	122,190	658,199	629,964	162.0	164.2
Arkansas .....	742	12,760	912	15,918	76,290	77,011	179.7	158.4
Louisiana .....	943	15,310	676	10,792	67,881	61,802	164.1	186.6
Oklahoma .....	870	15,446	750	12,949	84,154	81,845	157.4	167.6
Texas .....	6,277	91,538	5,629	82,531	429,873	410,106	160.0	161.8
Mountain Total .....	6,371	127,182	5,862	114,180	653,829	624,688	117.4	116.1
Arizona .....	947	28,102	1,000	28,933	93,761	112,654	134.0	139.5
Colorado .....	1,056	20,825	1,045	20,343	105,749	105,363	111.0	118.9
Idaho .....	-	-	-	-	-	-	-	-
Montana .....	168	2,842	233	3,983	36,503	30,610	60.4	70.5
Nevada .....	519	11,626	671	15,076	68,236	72,821	165.3	132.7
New Mexico .....	1,190	21,598	1,174	21,429	97,140	101,645	128.9	162.8
Utah .....	1,103	26,037	597	13,632	117,004	70,606	116.1	134.7
Wyoming .....	1,388	24,151	1,141	18,793	135,437	131,788	98.5	85.1
Pacific Total .....	368	5,832	426	6,901	29,160	34,393	166.0	164.0
California .....	-	-	-	-	-	-	-	-
Oregon .....	-	-	-	-	-	-	-	-
Washington .....	360	5,832	426	6,901	29,160	34,393	166.0	164.0
Alaska .....	-	-	-	-	-	-	-	-
Hawaii .....	-	-	-	-	-	-	-	-
U.S. Total .....	56,426	1,281,805	55,303	1,175,792	5,920,132	5,882,387	154.3	162.3

<sup>1</sup> Based on the cost including insurance and freight (c.i.f. cost).

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 4. Coal Stocks at Electric Utility Plants**  
(Thousand Short Tons)

Census Division and State	June 30, 1987	May 31, 1987	June 30, 1986	Percent Change June 30: 1987 versus 1986
New England Total .....	1,186	1,186	1,039	14.2
Connecticut .....	0	0	0	-
Maine .....	-	-	-	-
Massachusetts .....	681	728	611	11.5
New Hampshire .....	477	438	408	19.2
Rhode Island .....	28	28	28	.0
Vermont .....	-	-	0	-
Middle Atlantic Total .....	17,487	17,278	17,082	2.4
New Jersey .....	792	839	802	-1.2
New York .....	1,678	1,529	1,809	-7.3
Pennsylvania .....	15,817	14,902	14,471	3.8
East North Central Total .....	39,638	40,316	40,506	-2.1
Illinois .....	7,488	7,780	8,908	-16.8
Indiana .....	11,472	11,456	11,173	2.7
Michigan .....	8,052	8,381	7,335	9.8
Ohio .....	8,393	8,406	8,891	-5.6
Wisconsin .....	4,313	4,372	4,199	2.7
West North Central Total .....	19,376	19,783	22,126	-12.4
Iowa .....	3,431	3,179	3,532	-2.9
Kansas .....	3,021	3,318	3,804	-20.6
Minnesota .....	2,274	2,317	3,024	-24.8
Missouri .....	5,508	5,721	6,272	-12.2
Nebraska .....	1,850	1,937	2,119	-12.7
North Dakota .....	2,985	3,014	3,102	-3.8
South Dakota .....	307	305	272	12.7
South Atlantic Total .....	26,861	27,225	24,113	11.4
Delaware .....	430	412	478	-18.0
District of Columbia .....	-	-	-	-
Florida .....	3,764	3,883	3,603	4.5
Georgia .....	5,473	5,723	6,249	-12.4
Maryland .....	1,469	1,482	1,272	15.4
North Carolina .....	4,209	4,207	3,757	12.0
South Carolina .....	1,300	1,445	1,888	-31.2
Virginia .....	1,845	1,952	1,253	47.2
West Virginia .....	8,372	8,123	5,613	49.2
East South Central Total .....	19,969	20,580	17,472	14.3
Alabama .....	5,533	5,796	5,357	3.3
Kentucky .....	7,157	7,238	6,845	18.4
Mississippi .....	848	991	1,013	-17.1
Tennessee .....	6,439	6,562	5,057	27.3
West South Central Total .....	17,807	18,582	19,182	-7.2
Arkansas .....	1,731	1,731	2,652	-34.7
Louisiana .....	2,773	2,896	2,365	17.3
Oklahoma .....	3,844	4,187	4,507	-14.7
Texas .....	9,458	9,767	9,659	-2.1
Mountain Total .....	19,897	19,714	19,182	3.7
Arizona .....	4,227	3,988	3,824	10.6
Colorado .....	3,962	3,984	4,566	-13.2
Idaho .....	-	-	-	-
Montana .....	783	778	687	14.0
Nevada .....	2,018	2,849	1,495	35.0
New Mexico .....	1,306	1,266	1,474	-11.4
Utah .....	3,340	3,347	2,122	57.4
Wyoming .....	4,262	4,383	5,015	-15.0
Pacific Total .....	1,054	1,028	2,207	-52.2
California .....	-	-	-	-
Oregon .....	184	184	184	.3
Washington .....	870	844	2,017	-56.9
Alaska .....	0	0	6	-95.2
Hawaii .....	-	-	-	-
<b>U.S. Total .....</b>	<b>163,275</b>	<b>165,683</b>	<b>162,909</b>	<b>.2</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 5. Coal Consumption at Electric Utility Plants**  
(Thousand Short Tons)

Census Division and State	June 1987	May 1987	June 1986	Year to Date		
				1987	1986	Percent Change
New England Total .....	538	403	404	2,756	3,074	-10.3
Connecticut .....	77	17	53	308	427	-28.0
Maine .....	-	-	-	-	-	-
Massachusetts .....	389	349	323	2,018	2,068	-2.4
New Hampshire .....	63	37	27	402	567	-29.0
Rhode Island .....	0	0	0	28	0	-
Vermont .....	-	-	1	-	12	-
Middle Atlantic Total .....	4,283	4,073	4,037	25,067	24,844	.9
New Jersey .....	338	211	261	1,376	1,316	4.5
New York .....	635	555	433	3,720	3,295	12.9
Pennsylvania .....	3,389	3,386	3,342	19,971	20,232	-1.3
East North Central Total .....	14,592	13,543	14,046	82,663	79,772	3.6
Illinois .....	2,791	2,467	2,876	15,875	15,497	2.4
Indiana .....	3,367	3,245	3,159	18,749	19,030	-1.5
Michigan .....	2,753	2,504	2,375	15,528	12,885	20.5
Ohio .....	4,048	3,813	4,324	23,834	24,149	-1.3
Wisconsin .....	1,633	1,514	1,311	8,677	8,212	5.7
West North Central Total .....	7,829	6,806	6,958	41,574	40,871	3.8
Iowa .....	1,149	954	1,084	5,886	5,873	.2
Kansas .....	1,346	1,208	1,320	6,973	6,739	3.5
Minnesota .....	1,154	1,225	939	6,247	5,298	17.9
Missouri .....	2,198	1,655	2,092	10,339	10,669	2.7
Nebraska .....	615	544	404	3,105	3,034	2.3
North Dakota .....	1,355	1,180	1,093	8,247	8,172	.9
South Dakota .....	11	40	27	777	885	-12.2
South Atlantic Total .....	11,295	10,117	11,378	58,907	59,434	-.9
Delaware .....	213	114	221	1,144	1,185	-3.4
District of Columbia .....	-	-	-	-	-	-
Florida .....	2,039	1,765	1,520	10,365	8,416	23.2
Georgia .....	2,549	2,350	2,547	12,961	13,142	-1.4
Maryland .....	696	658	745	3,970	3,887	2.1
North Carolina .....	1,508	1,291	2,228	8,239	10,223	-19.4
South Carolina .....	899	883	811	4,506	3,582	25.8
Virginia .....	805	598	762	3,650	3,699	-1.3
West Virginia .....	2,586	2,458	2,543	14,871	15,300	-6.6
East South Central Total .....	6,818	5,817	6,646	34,935	37,531	-6.9
Alabama .....	2,003	1,817	1,918	9,798	10,746	-8.8
Kentucky .....	2,641	2,195	2,562	13,868	13,872	.0
Mississippi .....	475	370	470	1,920	2,175	-11.7
Tennessee .....	1,699	1,435	1,696	9,349	10,738	-12.9
West South Central Total .....	10,488	9,443	9,701	52,798	49,475	6.7
Arkansas .....	1,160	1,210	1,186	5,688	5,250	8.3
Louisiana .....	823	741	802	4,198	4,224	-.6
Oklahoma .....	1,260	1,171	1,098	6,213	5,096	21.9
Texas .....	7,245	6,328	6,614	36,699	34,995	5.1
Mountain Total .....	7,267	6,897	5,680	40,501	36,240	11.8
Arizona .....	1,227	838	865	5,398	5,492	-1.7
Colorado .....	1,161	1,156	1,197	6,951	7,031	-1.1
Idaho .....	-	-	-	-	-	-
Montana .....	257	174	247	2,389	2,119	12.8
Nevada .....	551	449	529	3,337	3,669	-9.1
New Mexico .....	1,215	1,201	1,241	6,758	6,897	-2.0
Utah .....	977	824	431	5,105	2,596	97.1
Wyoming .....	1,878	1,455	1,170	10,562	8,442	25.1
Pacific Total .....	413	287	44	3,062	968	216.4
California .....	-	-	-	-	-	-
Oregon .....	0	0	0	0	0	-
Washington .....	387	183	20	2,934	838	258.2
Alaska .....	26	24	24	128	130	-1.5
Hawaii .....	-	-	-	-	-	-
U.S. Total .....	63,514	56,505	58,892	342,262	331,408	3.3

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 6. Coal Exports by Continent and Country of Destination, and Rank:  
June 1987  
(Short Tons)**

Continent and Country of Destination	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
North America Total .....	38,938	-	686,797	1,001,817	1,688,614	1,727,552
Canada .....	38,736	-	683,823	1,000,399	1,684,222	1,722,958
Dominican Republic .....	55	-	-	-	-	55
Mexico .....	147	-	2,974	1,418	4,392	4,539
South America Total .....	5,828	-	545,941	-	545,941	551,769
Argentina .....	-	-	62,172	-	62,172	62,172
Brazil .....	5,595	-	483,769	-	483,769	489,364
Venezuela .....	233	-	-	-	-	233
Europe Total .....	-	-	1,939,910	1,217,061	3,156,971	3,156,971
Belgium & Luxembourg .....	-	-	265,576	66,138	331,714	331,714
Denmark .....	-	-	-	84,718	84,718	84,718
France .....	-	-	288,033	-	288,033	288,033
Iceland .....	-	-	-	7,891	7,891	7,891
Ireland .....	-	-	-	102,544	102,544	102,544
Italy .....	-	-	-	355,656	513,147	868,803
Netherlands .....	-	-	-	189,860	200,085	389,945
Norway .....	-	-	-	12,076	-	12,076
Portugal .....	-	-	-	-	149,960	149,960
Romania .....	-	-	-	-	-	-
Spain .....	-	-	70,138	-	70,138	70,138
Sweden .....	-	-	192,711	-	192,711	192,711
Turkey .....	-	-	152,260	-	152,260	152,260
United Kingdom .....	-	-	110,553	-	110,553	110,553
West Germany .....	-	-	264,987	-	264,987	264,987
Yugoslavia .....	-	-	-	92,578	92,578	92,578
Asia Total .....	109,112	-	38,060	-	38,060	38,060
China (Taiwan) .....	-	-	937,613	552,168	1,489,781	1,598,893
Japan .....	-	-	26,381	354,746	381,127	381,127
Korea, Republic of .....	108,971	-	670,343	50,543	720,886	720,886
Philippines .....	141	-	240,889	146,851	387,740	496,711
Saudi Arabia .....	-	-	-	-	-	141
Africa Total .....	-	-	-	28	28	28
Algeria .....	-	-	213,042	79,764	292,806	292,806
Egypt .....	-	-	119,699	-	119,699	119,699
Morocco .....	-	-	93,343	-	93,343	93,343
Total .....	153,878	-	4,323,303	2,850,810	7,174,113	7,327,991

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 7. Coal Exports by Continent and Country of Destination, and Rank:  
January - June 1987  
(Short Tons)**

Continent and Country of Destination	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
<b>North America Total</b>	180,370	9,315	2,344,227	2,275,970	4,620,197	4,809,882
Canada	173,286	2,311	2,318,105	2,255,864	4,573,969	4,749,566
Dominican Republic	55	-	20,324	22	20,346	20,401
Honduras	22	-	-	22	22	44
Mexico	6,671	7,004	5,798	20,062	25,860	39,535
Trinidad & Tobago	336	-	-	-	-	336
<b>South America Total</b>	14,445	57	3,016,999	61,792	3,078,791	3,093,293
Argentina	13	-	368,765	-	368,765	368,778
Brazil	11,104	-	2,581,565	61,781	2,643,346	2,654,450
Chile	18	-	66,669	-	66,669	66,667
Ecuador	44	57	-	-	-	101
Guyana	-	-	-	11	11	11
Venezuela	3,266	-	-	-	-	3,266
<b>Europe Total</b>	14,860	255	12,491,675	5,175,891	17,667,566	17,682,661
Belgium & Luxembourg	-	-	1,924,603	201,041	2,125,644	2,125,644
Denmark	-	-	-	534,432	534,432	534,432
Finland	-	-	51,990	-	51,990	51,990
France	-	-	1,513,962	53,958	1,567,920	1,567,920
Iceland	-	-	-	23,587	23,587	23,587
Ireland	-	-	-	508,357	508,357	508,357
Italy	-	-	2,903,233	2,179,894	5,083,127	5,083,127
Netherlands	-	-	1,267,370	789,242	2,056,612	2,056,612
Norway	11,630	-	44,805	6,473	51,278	62,908
Portugal	-	-	153,327	676,211	829,538	829,538
Romania	-	-	655,308	-	655,308	655,308
Spain	-	120	1,270,314	80,174	1,350,488	1,350,488
Sweden	-	-	304,869	-	304,869	304,869
Turkey	-	-	727,537	-	727,537	727,537
United Kingdom	3,000	135	1,176,785	-	1,176,785	1,179,920
West Germany	110	-	155,307	92,691	247,998	248,108
Yugoslavia	120	-	342,265	29,831	372,096	372,216
<b>Asia Total</b>	146,703	518	6,927,551	2,823,520	9,751,071	9,898,292
China (Taiwan)	-	-	204,678	1,817,547	2,022,225	2,022,225
India	-	53	-	-	-	53
Indonesia	-	-	-	164	164	164
Israel	-	-	-	121,275	121,275	121,275
Japan	-	432	5,414,654	343,344	5,757,998	5,758,430
Korea, Republic of	146,453	-	1,281,470	541,064	1,822,534	1,968,987
Kuwait	-	33	-	-	-	33
Pakistan	-	-	26,749	-	26,749	26,749
Philippines	141	-	-	-	-	141
Saudi Arabia	-	-	-	126	126	126
Singapore	109	-	-	-	-	109
<b>Oceania &amp; Australia Total</b>	-	470	-	263	263	733
Australia	-	43	-	263	263	306
French Pacific Isl	-	427	-	-	-	427
<b>Africa Total</b>	-	-	802,720	401,244	1,203,964	1,203,964
Algeria	-	-	512,866	-	512,866	512,866
Egypt	-	-	228,207	-	228,207	228,207
Morocco	-	-	-	401,244	401,244	401,244
South Africa, Rep of	-	-	61,647	-	61,647	61,647
<b>Total</b>	356,378	10,615	25,583,172	10,738,680	36,321,852	36,688,845

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 8. Coal Exports by Customs District and Rank: June 1987**  
 (Short Tons)

Customs District	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
<b>Eastern Total</b>	<b>152,788</b>	-	<b>2,733,580</b>	<b>947,275</b>	<b>3,680,855</b>	<b>3,833,643</b>
Baltimore, MD	314	-	174,164	268,029	442,993	443,307
Buffalo, NY	3,004	-	117	747	864	3,868
New York City, NY	75,933	-	-	28	28	75,961
Ogdensburg, NY	54	-	-	483	483	537
Philadelphia, PA	73,483	-	-	140,209	140,209	213,692
Norfolk, VA	-	-	2,559,299	536,979	3,096,278	3,096,278
<b>Southern Total</b>	<b>202</b>	-	<b>800,340</b>	<b>806,881</b>	<b>1,607,221</b>	<b>1,607,423</b>
Mobile, AL	-	-	699,106	54,828	753,934	753,934
Miami, FL	55	-	-	-	-	55
New Orleans, LA	-	-	40,108	724,656	764,764	764,764
Charleston, SC	-	-	61,126	-	61,126	61,126
Houston-Galveston, TX	-	-	-	26,032	26,032	26,032
Laredo, TX	147	-	-	1,365	1,365	1,512
<b>Western Total</b>	-	-	<b>103,658</b>	<b>89,594</b>	<b>193,252</b>	<b>193,252</b>
Anchorage, AK	-	-	-	64,471	64,471	64,471
Los Angeles, CA	-	-	103,658	25,070	128,728	128,728
San Diego, CA	-	-	-	53	53	53
<b>Northern Total</b>	<b>888</b>	-	<b>685,725</b>	<b>1,007,060</b>	<b>1,692,785</b>	<b>1,693,673</b>
Detroit, MI	736	-	2,019	196	2,215	2,961
Pembina, ND	152	-	-	-	-	152
Cleveland, OH	-	-	683,706	1,006,864	1,690,570	1,690,570
<b>Total</b>	<b>153,878</b>	-	<b>4,323,303</b>	<b>2,850,810</b>	<b>7,174,113</b>	<b>7,327,991</b>

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 9. Coal Exports by Customs District and Rank:  
January - June 1987  
(Short Tons)**

Customs District	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
<b>Eastern Total</b>	<b>338,828</b>	<b>163</b>	<b>18,750,669</b>	<b>4,247,641</b>	<b>22,998,310</b>	<b>23,337,301</b>
Boston, MA	-	-	-	108	108	108
Baltimore, MD	3,423	-	1,971,124	1,323,150	3,294,274	3,297,697
Buffalo, NY	14,794	-	530	3,724	4,254	19,048
New York City, NY	113,689	120	648	514	1,162	114,971
Ogdensburg, NY	2,212	-	-	2,073	2,073	4,285
Philadelphia, PA	204,374	43	47,812	595,895	643,707	848,124
Norfolk, VA	336	-	16,730,555	2,322,177	19,052,732	19,053,068
<b>Southern Total</b>	<b>9,711</b>	<b>7,196</b>	<b>4,136,957</b>	<b>3,639,090</b>	<b>7,776,047</b>	<b>7,792,954</b>
Mobile, AL	-	-	3,066,010	220,571	3,286,581	3,286,581
Miami, FL	77	-	-	-	-	77
Tampa, FL	-	135	-	11	11	146
New Orleans, LA	3,033	-	684,042	3,295,516	3,979,558	3,982,591
Wilmington, NC	-	-	113,523	-	113,523	113,523
San Juan, PR	-	-	-	22	22	22
Charleston, SC	-	-	273,382	21,322	294,704	294,704
El Paso, TX	-	44	-	-	-	44
Houston-Galveston, TX	-	57	-	61,818	61,818	61,875
Laredo, TX	6,601	6,960	-	7,477	7,477	21,038
Port Arthur, TX	-	-	-	32,353	32,353	32,353
<b>Western Total</b>	<b>70</b>	<b>1,042</b>	<b>409,294</b>	<b>587,893</b>	<b>997,187</b>	<b>998,299</b>
Anchorage, AK	-	-	-	343,692	343,692	343,692
Los Angeles, CA	-	-	409,229	243,183	652,412	652,412
San Diego, CA	70	-	-	380	380	450
San Francisco, CA	-	620	-	-	-	620
Great Falls, MT	-	97	-	375	375	472
Seattle, WA	-	325	65	263	328	653
<b>Northern Total</b>	<b>7,769</b>	<b>2,214</b>	<b>2,286,252</b>	<b>2,264,056</b>	<b>4,550,308</b>	<b>4,560,291</b>
Detroit, MI	7,378	2,214	3,728	10,427	14,155	23,747
Pembina, ND	391	-	-	-	-	391
Cleveland, OH	-	-	2,282,524	2,253,629	4,536,153	4,536,153
<b>Total</b>	<b>356,378</b>	<b>10,615</b>	<b>25,583,172</b>	<b>10,738,680</b>	<b>36,321,852</b>	<b>36,688,845</b>

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 10. Coal Exports by Continent and Country of Destination**  
(Short Tons)

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	1,727,552	1,696,496	1,522,899	4,809,882	4,789,411	0.4
Bahamas .....	-	-	-	-	5	-
Bermuda .....	-	-	-	-	184	-
Canada .....	1,722,958	1,685,340	1,504,200	4,749,566	4,621,695	2.8
Costa Rica .....	-	-	-	-	445	-
Dominican Republic .....	55	-	-	20,401	31,369	-35.0
Haiti .....	-	-	-	-	19,718	-
Honduras .....	-	-	-	44	77	-42.9
Mexico .....	4,539	10,820	18,589	39,535	114,695	-65.5
Panama .....	-	-	-	-	75	-
Trinidad & Tobago .....	-	336	110	336	1,148	-70.7
South America Total .....	551,769	475,551	393,253	3,093,293	3,361,413	-8.0
Argentina .....	62,172	67,580	69,245	368,778	465,270	-20.7
Brazil .....	489,364	374,427	324,008	2,654,450	2,833,946	-6.3
Chile .....	-	33,544	-	66,687	29,352	127.2
Colombia .....	-	-	-	-	3	-
Ecuador .....	-	-	-	101	23,363	-99.6
Guyana .....	-	-	-	11	13	-15.4
Peru .....	-	-	-	-	72	-
Venezuela .....	233	-	-	3,266	9,394	-65.2
Europe Total .....	3,156,971	2,839,197	3,737,652	17,682,681	22,585,948	-21.7
Albania .....	-	-	-	-	69,837	-
Belgium & Luxembourg .....	331,714	318,823	319,245	2,125,644	2,533,106	-16.1
Bulgaria .....	-	-	-	-	31,856	-
Cyprus .....	-	-	-	-	10,501	-
Denmark .....	84,718	104,762	125,439	534,432	946,761	-43.6
Finland .....	-	-	-	51,990	49,402	5.2
France .....	288,033	395,289	535,146	1,567,920	3,362,512	-53.4
Greece .....	-	-	68,918	-	316,004	-
Iceland .....	7,891	108	-	23,587	27,167	-13.2
Ireland .....	102,544	134,906	131,967	508,357	267,300	90.2
Italy .....	868,803	557,486	840,855	5,083,127	5,517,283	-7.9
Netherlands .....	389,945	289,777	383,002	2,056,612	2,072,011	-28.4
Norway .....	12,076	18,169	23,388	62,908	126,648	-50.3
Portugal .....	149,960	167,860	174,630	829,538	647,570	28.1
Romania .....	70,138	123,119	65,041	655,308	510,033	28.5
Spain .....	192,711	272,562	302,677	1,350,608	1,520,513	-11.2
Sweden .....	152,260	-	61,666	304,869	391,342	-22.1
Turkey .....	110,553	78,508	129,320	727,537	1,103,854	-34.1
United Kingdom .....	264,987	217,125	464,108	1,179,920	1,584,902	-25.6
West Germany .....	92,578	122,503	106,480	248,108	382,593	-35.2
Yugoslavia .....	38,060	38,200	5,770	372,216	314,753	18.3
Asia Total .....	1,598,893	1,430,477	1,565,735	9,898,292	9,891,402	.1
China (Peking) .....	-	-	-	-	153	-
China (Taiwan) .....	381,127	218,549	389,002	2,022,225	1,576,732	28.3
India .....	-	-	-	53	-	-
Indonesia .....	-	-	500	164	500	-67.2
Israel .....	-	-	-	121,275	121,547	-.2
Japan .....	720,886	901,258	909,929	5,758,430	6,593,477	-12.7
Korea, Republic of .....	496,711	283,812	237,396	1,968,987	1,423,624	38.3
Kuwait .....	-	-	-	33	-	-
Lebanon .....	-	-	28,908	-	142,586	-
Pakistan .....	-	26,749	-	26,749	30,066	-11.0
Philippines .....	141	-	-	141	-	-
Saudi Arabia .....	28	-	-	126	-	-
Singapore .....	-	109	-	109	2,717	-96.0
Oceania & Australia Total .....	-	263	119	733	129	468.2
Australia .....	-	263	-	306	5	(1)
French Pacific Isl .....	-	-	119	427	119	258.8
New Zealand .....	-	-	-	-	5	-
Africa Total .....	292,806	114,608	102,946	1,203,964	786,104	53.2
Algeria .....	119,699	63,922	-	512,866	346,304	48.1
Egypt .....	93,343	-	42,430	228,207	234,013	-2.5
Morocco .....	79,764	50,686	60,516	401,244	205,787	95.0
South Africa, Rep of .....	-	-	-	61,647	-	-
Total .....	7,327,991	6,556,592	7,322,604	36,688,845	41,414,407	-11.4

<sup>1</sup> Percent changes of 100% or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.  
Note: Total may not equal sum of components because of independent rounding.  
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 11. Average Price<sup>1</sup> of Coal Exports  
(Dollars per Short Ton)**

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	\$40.67	\$45.16	\$50.47	\$44.32	\$50.22	-11.8
Bahamas .....	-	-	-	-	( <sup>2</sup> )	-
Bermuda .....	-	-	-	-	40.06	-
Canada .....	40.59	45.10	50.40	44.13	50.33	-12.3
Costa Rica .....	-	-	-	-	125.84	-
Dominican Republic .....	( <sup>2</sup> )	-	-	38.99	44.78	-12.9
Haiti .....	-	-	-	-	28.12	-
Honduras .....	-	-	-	( <sup>2</sup> )	40.08	491.3
Mexico .....	67.14	51.40	55.02	68.05	49.84	36.5
Panama .....	-	-	-	-	( <sup>2</sup> )	-
Trinidad & Tobago .....	-	148.63	170.62	148.63	106.20	40.0
South America Total .....	43.46	43.08	47.73	45.78	48.58	-5.8
Argentina .....	42.15	43.68	48.62	44.86	48.14	-6.8
Brazil .....	43.53	42.88	47.54	45.61	48.40	-5.8
Chile .....	-	44.11	-	46.55	49.01	-5.0
Colombia .....	-	-	-	-	( <sup>2</sup> )	-
Ecuador .....	-	-	-	170.28	43.57	290.8
Guyana .....	-	-	-	( <sup>2</sup> )	( <sup>2</sup> )	29.2
Peru .....	-	-	-	-	70.83	-
Venezuela .....	( <sup>2</sup> )	-	-	( <sup>2</sup> )	136.29	93.6
Europe Total .....	41.46	43.06	44.40	43.04	44.83	-4.0
Albania .....	-	-	-	-	46.91	-
Belgium & Luxembourg .....	40.83	43.60	42.52	42.57	45.17	-5.8
Bulgaria .....	-	-	-	-	48.99	-
Cyprus .....	-	-	-	-	34.47	-
Denmark .....	27.90	34.70	39.46	32.36	36.92	-12.3
Finland .....	-	-	-	41.32	39.17	24.6
France .....	44.04	42.78	42.73	43.99	42.82	2.7
Greece .....	-	-	31.53	-	32.14	-
Iceland .....	51.03	40.10	-	60.62	51.38	18.0
Ireland .....	49.32	42.24	47.50	46.59	46.97	-8.8
Italy .....	39.77	41.56	41.91	42.16	43.72	-3.6
Netherlands .....	41.01	44.67	47.06	43.50	48.05	-9.5
Norway .....	67.32	72.24	71.11	69.70	62.97	10.7
Portugal .....	42.89	44.82	41.16	42.77	43.27	-1.1
Romania .....	42.71	40.85	47.17	42.84	43.47	-1.4
Spain .....	45.22	42.81	44.80	44.22	46.44	-4.8
Sweden .....	42.72	-	44.82	44.38	46.87	-5.3
Turkey .....	40.59	49.90	46.50	44.07	45.98	-4.1
United Kingdom .....	43.07	44.02	48.98	45.06	48.51	-7.1
West Germany .....	36.74	44.57	53.51	41.51	51.17	-18.9
Yugoslavia .....	40.10	40.10	32.66	44.48	46.66	-4.7
Asia Total .....	42.31	45.83	44.93	44.97	47.48	-5.3
China (Peking) .....	-	-	-	-	40.06	-
China (Taiwan) .....	39.79	40.70	41.05	40.59	42.56	-4.6
India .....	-	-	-	39.62	-	-
Indonesia .....	-	-	40.00	39.90	40.00	-3
Israel .....	-	-	-	36.56	43.66	-16.3
Japan .....	44.13	48.34	47.43	47.26	49.36	-4.3
Korea, Republic of .....	41.57	40.95	43.23	43.15	45.41	-5.0
Kuwait .....	-	-	-	67.27	-	-
Lebanon .....	-	-	32.66	-	36.55	-
Pakistan .....	-	54.43	-	54.43	59.08	-9.1
Philippines .....	34.96	-	-	34.96	-	-
Saudi Arabia .....	( <sup>2</sup> )	-	-	134.59	-	-
Singapore .....	-	153.36	-	153.36	42.63	259.8
Oceania & Australia Total .....	-	39.99	39.97	39.96	73.12	-45.4
Australia .....	-	39.99	-	39.93	( <sup>2</sup> )	-93.7
French Pacific Isl .....	-	-	39.97	39.98	39.97	( <sup>2</sup> )
New Zealand .....	-	-	-	-	( <sup>2</sup> )	-
Africa Total .....	38.32	37.83	43.73	41.76	44.83	-6.9
Algeria .....	42.76	44.45	-	44.76	48.69	-8.1
Egypt .....	42.10	-	43.58	42.10	43.63	-3.5
Morocco .....	27.22	29.48	43.83	36.73	39.71	-7.5
South Africa, Rep of .....	-	-	-	48.25	-	-
Total .....	41.48	44.12	45.95	43.92	46.39	-5.3

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$200.00 or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.

(<sup>2</sup>) Rounded to zero.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 12. Bituminous<sup>1</sup> Coal Exports**  
(Short Tons)

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	1,688,614	1,640,602	1,441,725	4,620,197	4,560,501	1.3
Bermuda .....	-	-	-	-	184	-
Canada .....	1,684,222	1,635,008	1,428,232	4,573,969	4,419,851	3.5
Dominican Republic .....	-	-	-	20,346	31,369	-35.1
Haiti .....	-	-	-	-	19,718	-
Honduras .....	-	-	-	22	-	-
Mexico .....	4,392	5,594	13,493	25,860	88,819	-70.9
Panama .....	-	-	-	-	3	-
Trinidad & Tobago .....	-	-	-	-	557	-
South America Total .....	545,941	475,551	393,253	3,078,791	3,346,317	-8.0
Argentina .....	62,172	67,580	69,245	368,765	465,151	-20.7
Brazil .....	483,769	374,427	324,008	2,643,346	2,828,464	-6.5
Chile .....	-	33,544	-	66,669	29,296	127.6
Ecuador .....	-	-	-	-	23,363	-
Guyana .....	-	-	-	11	13	-15.4
Peru .....	-	-	-	-	8	-
Venezuela .....	-	-	-	-	22	-
Europe Total .....	3,156,971	2,832,765	3,731,242	17,667,566	22,572,204	-21.7
Albania .....	-	-	-	-	69,837	-
Belgium & Luxembourg .....	331,714	318,823	319,245	2,125,644	2,533,106	-16.1
Bulgaria .....	-	-	-	-	31,856	-
Cyprus .....	-	-	-	-	10,501	-
Denmark .....	84,718	104,762	125,439	534,432	946,761	-43.6
Finland .....	-	-	-	51,990	49,078	5.9
France .....	288,033	395,289	535,146	1,567,920	3,362,512	-53.4
Greece .....	-	-	68,918	-	316,004	-
Iceland .....	7,891	108	-	23,587	27,167	-13.2
Ireland .....	102,544	134,906	131,967	508,357	267,300	90.2
Italy .....	868,803	557,486	840,855	5,083,127	5,516,545	-7.9
Netherlands .....	389,945	289,777	383,002	2,056,612	2,872,011	-28.4
Norway .....	12,076	11,737	16,978	51,278	113,966	-55.0
Portugal .....	149,960	167,860	174,630	829,538	647,570	28.1
Romania .....	70,138	123,119	65,041	655,308	510,033	28.5
Spain .....	192,711	272,562	302,677	1,350,488	1,520,513	-11.2
Sweden .....	152,260	-	61,666	304,869	391,342	-22.1
Turkey .....	110,553	78,508	129,320	727,537	1,103,854	-34.1
United Kingdom .....	264,987	217,125	464,108	1,176,785	1,584,902	-25.8
West Germany .....	92,578	122,503	106,480	247,998	382,593	-35.2
Yugoslavia .....	38,060	38,200	5,770	372,096	314,753	18.2
Asia Total .....	1,489,761	1,392,671	1,497,319	9,751,071	9,750,652	(*)
China (Taiwan) .....	381,127	218,549	389,002	2,022,225	1,576,732	28.3
Indonesia .....	-	-	500	164	500	-67.2
Israel .....	-	-	-	121,275	121,536	-2
Japan .....	720,886	901,043	909,929	5,757,998	6,593,202	-12.7
Korea, Republic of .....	387,740	246,330	168,980	1,822,534	1,286,030	41.7
Lebanon .....	-	-	28,908	-	142,586	-
Pakistan .....	-	26,749	-	26,749	30,066	-11.0
Saudi Arabia .....	28	-	-	126	-	-
Oceania & Australia Total .....	-	263	-	263	-	-
Australia .....	-	263	-	263	-	-
Africa Total .....	292,806	114,608	102,884	1,203,964	762,681	57.9
Algeria .....	119,699	63,922	-	512,866	344,978	48.7
Egypt .....	93,343	-	42,368	228,207	233,951	-2.5
Morocco .....	79,764	50,686	60,516	401,244	183,752	118.4
South Africa, Rep of .....	-	-	-	61,647	-	-
Total .....	7,174,113	6,456,460	7,166,423	36,321,852	40,992,355	-11.4

<sup>1</sup> Includes subbituminous coal.

(\*) Rounded to zero.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 13. Average Price<sup>1</sup> of Bituminous<sup>2</sup> Coal Exports**  
(Dollars per Short Ton)

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
<b>North America Total</b>	<b>\$40.17</b>	<b>\$44.57</b>	<b>\$49.92</b>	<b>\$43.63</b>	<b>\$49.71</b>	<b>-12.2</b>
Bermuda	-	-	-	-	40.06	-
Canada	40.10	44.51	49.82	43.42	49.82	-12.8
Dominican Republic	-	-	-	38.32	44.78	-14.4
Haiti	-	-	-	-	28.12	-
Honduras	-	-	-	( <sup>3</sup> )	-	-
Mexico	68.21	62.46	60.34	84.02	50.84	65.3
Panama	-	-	-	-	( <sup>3</sup> )	-
Trinidad & Tobago	-	-	-	-	44.24	-
<b>South America Total</b>	<b>42.85</b>	<b>43.08</b>	<b>47.73</b>	<b>45.37</b>	<b>48.26</b>	<b>-6.0</b>
Argentina	42.15	43.68	48.62	44.85	48.09	-6.7
Brazil	42.94	42.88	47.54	45.41	48.31	-6.0
Chile	-	44.11	-	46.53	48.99	-5.0
Ecuador	-	-	-	-	43.57	-
Guyana	-	-	-	( <sup>3</sup> )	( <sup>3</sup> )	29.2
Peru	-	-	-	-	( <sup>3</sup> )	-
Venezuela	-	-	-	-	( <sup>3</sup> )	-
<b>Europe Total</b>	<b>41.46</b>	<b>42.96</b>	<b>44.33</b>	<b>43.01</b>	<b>44.80</b>	<b>-4.0</b>
Albania	-	-	-	-	46.91	-
Belgium & Luxembourg	40.83	43.60	42.52	42.57	45.17	-5.8
Bulgaria	-	-	-	-	48.99	-
Cyprus	-	-	-	-	34.47	-
Denmark	27.90	34.70	39.16	32.36	36.92	-12.3
Finland	-	-	-	41.32	31.48	31.3
France	44.04	42.78	42.73	43.99	42.82	2.7
Greece	-	-	31.53	-	32.14	-
Iceland	51.03	40.10	-	60.62	51.38	18.0
Ireland	49.32	42.24	47.50	46.59	46.97	-8
Italy	39.77	41.56	41.91	42.16	43.71	-3.5
Netherlands	41.01	44.67	47.06	43.50	48.05	-9.5
Norway	67.32	64.32	65.23	65.85	60.66	8.6
Portugal	42.89	44.82	41.16	42.77	43.27	-1.1
Romania	42.71	40.85	47.17	42.84	43.47	-1.4
Spain	45.22	42.81	44.80	44.22	46.44	-4.8
Sweden	42.72	-	44.82	44.38	46.87	-5.3
Turkey	40.59	49.90	46.50	44.07	45.98	-4.1
United Kingdom	43.07	44.02	48.98	45.09	48.51	-7.1
West Germany	36.74	44.57	53.51	41.45	51.17	-19.0
Yugoslavia	40.10	40.10	32.66	44.49	46.66	-4.7
<b>Asia Total</b>	<b>43.05</b>	<b>46.18</b>	<b>45.51</b>	<b>45.16</b>	<b>47.70</b>	<b>-5.3</b>
China (Taiwan)	39.79	40.70	41.05	40.59	42.56	-4.6
Indonesia	-	-	40.00	39.90	40.00	-3
Israel	-	-	-	36.56	43.65	-16.2
Japan	44.13	48.33	47.43	47.26	49.36	-4.3
Korea, Republic of	44.21	42.28	47.68	44.03	46.81	-5.9
Lebanon	-	-	32.66	-	36.55	-
Pakistan	-	54.43	-	54.43	59.88	-9.1
Saudi Arabia	( <sup>3</sup> )	-	-	134.59	-	-
<b>Oceania &amp; Australia Total</b>	<b>-</b>	<b>39.99</b>	<b>-</b>	<b>39.99</b>	<b>-</b>	<b>-</b>
Australia	-	39.99	-	39.99	-	-
<b>Africa Total</b>	<b>38.32</b>	<b>37.83</b>	<b>43.71</b>	<b>41.76</b>	<b>44.82</b>	<b>-6.8</b>
Algeria	42.76	44.45	-	44.76	48.72	-8.1
Egypt	42.10	-	43.55	42.10	43.63	-3.5
Morocco	27.22	29.48	43.83	36.73	39.03	-5.9
South Africa, Rep of	-	-	-	48.25	-	-
<b>Total</b>	<b>41.46</b>	<b>43.98</b>	<b>45.88</b>	<b>43.83</b>	<b>46.32</b>	<b>-5.4</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Includes subbituminous coal.

<sup>3</sup> Average prices of \$200.00 or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 14. Bituminous Metallurgical Coal Exports**  
 (Short Tons)

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	686,797	922,233	607,939	2,344,227	2,277,296	2.9
Canada .....	683,823	919,409	599,995	2,318,105	2,171,267	6.8
Dominican Republic .....	-	-	-	20,324	31,369	-35.2
Mexico .....	2,974	2,824	7,944	5,798	74,424	-92.2
Trinidad & Tobago .....	-	-	-	-	236	-
South America Total .....	545,941	475,551	393,253	3,016,999	3,311,572	-8.9
Argentina .....	62,172	67,580	69,245	368,765	465,151	-20.7
Brazil .....	483,769	374,427	324,008	2,581,565	2,793,762	-7.6
Chile .....	-	33,544	-	66,669	29,296	127.6
Ecuador .....	-	-	-	-	23,363	-
Europe Total .....	1,939,910	2,072,897	2,528,744	12,491,675	14,561,614	-14.2
Albania .....	-	-	-	-	69,837	-
Belgium & Luxembourg .....	265,576	298,870	319,245	1,924,603	2,162,108	-11.0
Denmark .....	-	-	125,439	-	143,351	-
Finland .....	-	-	-	51,990	-	-
France .....	288,033	341,331	370,159	1,513,962	2,108,503	-28.2
Greece .....	-	-	-	-	36,378	-
Iceland .....	-	-	-	-	3,942	-
Italy .....	355,656	363,494	417,539	2,903,233	2,919,383	-6
Netherlands .....	189,860	184,321	155,449	1,267,370	1,438,478	-11.9
Norway .....	12,076	5,264	5,658	44,805	85,129	-47.4
Portugal .....	-	40,401	30,595	153,327	135,588	13.1
Romania .....	70,138	123,119	65,041	655,308	510,033	28.5
Spain .....	192,711	259,761	264,275	1,270,314	1,357,094	-6.4
Sweden .....	152,260	-	61,666	304,869	366,468	-16.8
Turkey .....	110,553	78,508	129,320	727,537	1,044,126	-30.3
United Kingdom .....	264,987	217,125	464,108	1,176,785	1,556,020	-24.4
West Germany .....	-	122,503	106,480	155,307	315,937	-50.8
Yugoslavia .....	38,060	38,200	5,770	342,265	309,239	10.7
Asia Total .....	937,613	1,109,767	978,987	6,927,551	7,267,093	-4.7
China (Taiwan) .....	26,381	32,519	-	204,678	185,369	10.4
Japan .....	670,343	889,492	882,200	5,414,654	6,112,640	-11.4
Korea, Republic of .....	240,889	161,007	96,787	1,281,470	939,018	36.5
Pakistan .....	-	26,749	-	26,749	30,066	-11.0
Africa Total .....	213,042	63,922	42,368	802,720	578,929	38.7
Algeria .....	119,699	63,922	-	512,866	344,978	48.7
Egypt .....	93,343	-	42,368	228,207	233,951	-2.5
South Africa, Rep of .....	-	-	-	61,647	-	-
Total .....	4,323,303	4,644,370	4,551,291	25,583,172	27,996,504	-8.6

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 15. Average Price<sup>1</sup> of Bituminous Metallurgical Coal Exports**  
(Dollars per Short Ton)

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	\$45.02	\$46.42	\$50.37	\$45.78	\$50.32	-9.0
Canada .....	44.86	46.31	49.98	45.76	50.30	-9.0
Dominican Republic .....	-	-	-	38.10	44.78	-14.9
Mexico .....	81.66	81.66	79.39	81.66	53.21	53.5
Trinidad & Tobago .....	-	-	-	"	49.93	-
South America Total .....	42.65	43.08	47.73	45.30	48.24	-6.1
Argentina .....	42.15	43.68	48.62	44.85	48.09	-6.7
Brazil .....	42.94	42.88	47.54	45.34	48.30	-6.1
Chile .....	-	44.11	-	46.53	48.99	-5.0
Ecuador .....	-	-	-	-	43.57	-
Europe Total .....	43.44	43.99	46.29	44.50	47.28	-5.9
Albania .....	-	-	-	-	46.91	-
Belgium & Luxembourg .....	42.90	44.24	42.52	43.08	45.87	-6.1
Denmark .....	-	-	39.46	-	40.64	-
Finland .....	-	-	-	41.32	-	-
France .....	44.04	43.52	47.02	44.20	46.64	-5.2
Greece .....	-	-	-	-	34.70	-
Iceland .....	-	-	-	-	58.05	-
Italy .....	43.77	44.46	46.01	44.94	48.05	-6.5
Netherlands .....	43.06	43.48	44.40	45.43	47.39	-4.1
Norway .....	67.32	72.38	80.20	67.01	59.99	11.7
Portugal .....	-	44.45	50.53	44.51	50.47	-11.8
Romania .....	42.71	40.85	47.17	42.84	43.47	-1.4
Spain .....	45.22	43.32	45.97	45.26	47.69	-5.1
Sweden .....	42.72	-	44.82	44.38	46.80	-5.2
Turkey .....	40.59	49.90	46.50	44.07	46.81	-5.9
United Kingdom .....	43.07	44.02	48.98	45.09	48.67	-7.4
West Germany .....	-	44.57	53.51	44.26	53.81	-17.7
Yugoslavia .....	40.10	40.10	32.66	43.56	46.20	-5.7
Asia Total .....	44.58	47.77	48.56	47.38	49.93	-5.1
China (Taiwan) .....	44.64	42.96	-	45.26	47.67	-5.1
Japan .....	44.48	48.39	48.09	47.95	50.06	-4.2
Korea, Republic of .....	44.84	44.23	52.79	45.16	49.23	-8.3
Pakistan .....	-	54.43	-	54.43	59.88	-9.1
Africa Total .....	42.47	44.45	43.55	44.27	46.66	-5.1
Algeria .....	42.76	44.45	-	44.76	48.72	-8.1
Egypt .....	42.10	-	43.55	42.10	43.63	-3.5
South Africa, Rep of .....	-	-	-	48.25	-	-
Total .....	43.02	45.29	47.42	45.48	48.32	-5.9

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 16. Bituminous Steam<sup>1</sup> Coal Exports**  
(Short Tons)

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	1,001,817	718,369	833,786	2,275,970	2,283,205	-0.3
Bermuda .....	-	-	-	-	184	-
Canada .....	1,000,399	715,599	828,237	2,255,864	2,248,584	.3
Dominican Republic .....	-	-	-	22	-	-
Haiti .....	-	-	-	-	19,718	-
Honduras .....	-	-	-	22	-	-
Mexico .....	1,418	2,770	5,549	20,062	14,395	39.4
Panama .....	-	-	-	-	3	-
Trinidad & Tobago .....	-	-	-	-	321	-
South America Total .....	-	-	-	61,792	34,745	77.8
Brazil .....	-	-	-	61,781	34,702	78.0
Guyana .....	-	-	-	11	13	-15.4
Peru .....	-	-	-	-	8	-
Venezuela .....	-	-	-	-	22	-
Europe Total .....	1,217,061	759,868	1,202,498	5,175,891	8,010,590	-35.4
Belgium & Luxembourg .....	66,138	19,953	-	201,041	370,998	-45.8
Bulgaria .....	-	-	-	-	31,856	-
Cyprus .....	-	-	-	-	10,501	-
Denmark .....	84,718	104,762	-	534,432	803,410	-33.5
Finland .....	-	-	-	-	49,078	-
France .....	-	53,958	164,987	53,958	1,254,009	-95.7
Greece .....	-	-	68,918	-	279,626	-
Iceland .....	7,891	108	-	23,587	23,225	1.6
Ireland .....	102,544	134,906	131,967	508,357	287,300	90.2
Italy .....	513,147	193,992	423,316	2,179,894	2,597,162	-16.1
Netherlands .....	200,085	105,456	227,553	789,242	1,433,533	-44.9
Norway .....	-	6,473	11,320	6,473	28,837	-77.6
Portugal .....	149,960	127,459	136,035	678,211	511,982	32.1
Spain .....	-	12,801	38,402	80,174	163,419	-50.9
Sweden .....	-	-	-	-	24,874	-
Turkey .....	-	-	-	-	59,728	-
United Kingdom .....	-	-	-	-	28,882	-
West Germany .....	92,578	-	-	92,691	66,656	39.1
Yugoslavia .....	-	-	-	29,831	5,514	441.0
Asia Total .....	552,168	282,904	518,332	2,823,520	2,483,559	13.7
China (Taiwan) .....	354,746	186,030	389,002	1,817,547	1,391,363	30.6
Indonesia .....	-	-	500	164	500	-67.2
Israel .....	-	-	-	121,275	121,536	-.2
Japan .....	50,543	11,551	27,729	343,344	480,562	-28.6
Korea, Republic of .....	146,851	85,323	72,193	541,064	347,012	55.9
Lebanon .....	-	-	28,908	-	142,586	-
Saudi Arabia .....	28	-	-	126	-	-
Oceania & Australia Total .....	-	263	-	263	-	-
Australia .....	-	263	-	263	-	-
Africa Total .....	79,764	50,686	60,516	401,244	183,752	118.4
Morocco .....	79,764	50,686	60,516	401,244	183,752	118.4
Total .....	2,850,810	1,812,090	2,615,132	10,738,680	12,995,851	-17.4

<sup>1</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 17. Average Price<sup>1</sup> of Bituminous Steam<sup>2</sup> Coal Exports  
(Dollars per Short Ton)**

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	\$36.85	\$42.20	\$49.59	\$41.41	\$49.10	-15.7
Bermuda .....	-	-	-	-	40.06	-
Canada .....	36.84	42.20	49.70	41.02	49.35	-16.9
Dominican Republic .....	-	-	-	( <sup>3</sup> )	-	-
Haiti .....	-	-	-	-	28.12	-
Honduras .....	-	-	-	( <sup>3</sup> )	-	-
Mexico .....	40.00	42.89	33.07	84.70	38.56	119.6
Panama .....	-	-	-	-	( <sup>3</sup> )	-
Trinidad & Tobago .....	-	-	-	-	40.06	-
South America Total .....	-	-	-	48.45	50.10	-3.3
Brazil .....	-	-	-	48.36	49.53	-2.4
Guyana .....	-	-	-	( <sup>3</sup> )	( <sup>3</sup> )	29.2
Peru .....	-	-	-	-	( <sup>3</sup> )	-
Venezuela .....	-	-	-	-	( <sup>3</sup> )	-
Europe Total .....	38.29	40.17	40.21	39.43	40.30	-2.2
Belgium & Luxembourg .....	32.52	34.02	-	37.70	41.06	-8.2
Bulgaria .....	-	-	-	-	48.99	-
Cyprus .....	-	-	-	-	34.47	-
Denmark .....	27.90	34.70	-	32.36	36.26	-10.7
Finland .....	-	-	-	-	31.48	-
France .....	-	38.10	33.10	38.10	36.39	4.7
Greece .....	-	-	31.53	-	31.81	-
Iceland .....	51.03	40.10	-	60.62	50.25	20.7
Ireland .....	49.32	42.24	47.50	46.59	46.97	-8
Italy .....	36.99	36.11	37.86	38.46	38.82	-.9
Netherlands .....	39.07	46.75	48.87	40.41	48.71	-17.0
Norway .....	-	57.76	57.76	57.76	62.62	-7.8
Portugal .....	42.89	44.93	38.51	42.38	41.36	2.6
Spain .....	-	32.65	36.74	27.79	35.98	-22.8
Sweden .....	-	-	-	-	47.92	-
Turkey .....	-	-	-	-	31.40	-
United Kingdom .....	-	-	-	-	39.73	-
West Germany .....	36.74	-	-	36.75	38.69	-5.0
Yugoslavia .....	-	-	-	55.12	72.59	-24.1
Asia Total .....	40.45	39.91	39.75	39.71	41.17	-3.5
China (Taiwan) .....	39.43	40.31	41.05	40.07	41.88	-4.3
Indonesia .....	-	-	40.00	39.90	40.00	-.3
Israel .....	-	-	-	36.56	43.65	-16.2
Japan .....	39.48	43.31	26.22	36.27	40.50	-10.4
Korea, Republic of .....	43.17	38.60	40.83	41.36	40.26	2.7
Lebanon .....	-	-	32.66	-	36.55	-
Saudi Arabia .....	( <sup>3</sup> )	-	-	134.59	-	-
Oceania & Australia Total .....	-	39.99	-	39.99	-	-
Australia .....	-	39.99	-	39.99	-	-
Africa Total .....	27.22	29.48	43.83	36.73	39.03	-5.9
Morocco .....	27.22	29.48	43.83	36.73	39.03	-5.9
Total .....	37.89	40.64	43.19	39.87	42.02	-5.1

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Includes subbituminous coal.

<sup>3</sup> Average prices of \$200.00 or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 18. Anthracite Exports**  
(Short Tons)

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
<b>North America Total</b>	<b>38,938</b>	<b>51,822</b>	<b>75,282</b>	<b>180,370</b>	<b>200,112</b>	<b>-13.3</b>
Bahamas	-	-	-	-	5	-
Canada	38,736	50,235	74,122	173,286	195,161	-11.2
Costa Rica	-	-	-	-	445	-
Dominican Republic	55	-	-	55	-	-
Honduras	-	-	-	22	-	-
Mexico	147	1,251	1,050	6,671	11,838	-43.6
Panama	-	-	-	-	72	-
Trinidad & Tobago	-	336	110	336	591	-43.1
<b>South America Total</b>	<b>5,828</b>	<b>-</b>	<b>-</b>	<b>14,445</b>	<b>14,869</b>	<b>-2.9</b>
Argentina	-	-	-	13	-	-
Brazil	5,595	-	-	11,104	5,482	102.6
Chile	-	-	-	18	12	50.0
Colombia	-	-	-	-	3	-
Ecuador	-	-	-	44	-	-
Venezuela	233	-	-	3,266	9,372	-65.2
<b>Europe Total</b>	<b>-</b>	<b>6,432</b>	<b>6,410</b>	<b>14,860</b>	<b>13,744</b>	<b>8.1</b>
Finland	-	-	-	-	324	-
Italy	-	-	-	-	738	-
Norway	-	6,432	6,410	11,630	12,682	-8.3
United Kingdom	-	-	-	3,000	-	-
West Germany	-	-	-	110	-	-
Yugoslavia	-	-	-	120	-	-
<b>Asia Total</b>	<b>109,112</b>	<b>37,591</b>	<b>68,416</b>	<b>146,703</b>	<b>137,615</b>	<b>6.6</b>
Japan	-	-	-	-	13	-
Korea, Republic of	108,971	37,482	68,416	146,453	137,594	6.4
Philippines	141	-	-	141	-	-
Singapore	-	109	-	109	8	(1)
<b>Oceania &amp; Australia Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10</b>	<b>-</b>
Australia	-	-	-	-	5	-
New Zealand	-	-	-	-	5	-
<b>Africa Total</b>	<b>-</b>	<b>-</b>	<b>62</b>	<b>-</b>	<b>22,097</b>	<b>-</b>
Egypt	-	-	62	-	62	-
Morocco	-	-	-	-	22,035	-
<b>Total</b>	<b>153,878</b>	<b>95,845</b>	<b>150,170</b>	<b>366,378</b>	<b>396,447</b>	<b>-10.1</b>

<sup>1</sup> Percent changes of 1000% or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 19. Average Price<sup>1</sup> of Anthracite Exports**  
(Dollars per Short Ton)

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	\$62.22	\$64.24	\$61.80	\$62.16	\$62.32	-0.2
Bahamas .....	-	-	-	-	( <sup>2</sup> )	-
Canada .....	62.00	64.33	61.89	62.93	62.16	1.2
Costa Rica .....	-	-	-	-	125.84	-
Dominican Republic .....	( <sup>2</sup> )	-	-	( <sup>2</sup> )	-	-
Honduras .....	-	-	-	( <sup>2</sup> )	-	-
Mexico .....	34.99	38.09	44.47	35.59	54.10	-34.2
Panama .....	-	-	-	-	( <sup>2</sup> )	-
Trinidad & Tobago .....	-	148.63	170.62	148.63	164.59	-9.7
South America Total .....	99.96	-	-	132.94	120.15	10.6
Argentina .....	-	-	-	( <sup>2</sup> )	-	-
Brazil .....	94.39	-	-	94.39	94.35	( <sup>1</sup> )
Chile .....	-	-	-	125.67	139.08	-9.6
Colombia .....	-	-	-	-	( <sup>2</sup> )	-
Ecuador .....	-	-	-	121.66	-	-
Venezuela .....	( <sup>2</sup> )	-	-	( <sup>2</sup> )	135.13	95.3
Europe Total .....	-	86.69	86.69	76.45	90.19	-15.2
Finland .....	-	-	-	-	( <sup>2</sup> )	-
Italy .....	-	-	-	-	113.55	-
Norway .....	-	86.69	86.69	86.69	83.74	3.5
United Kingdom .....	-	-	-	35.00	-	-
West Germany .....	-	-	-	169.85	-	-
Yugoslavia .....	-	-	-	35.13	-	-
Asia Total .....	32.18	32.56	32.25	32.28	32.41	-4
Japan .....	-	-	-	-	114.23	-
Korea, Republic of .....	32.18	32.21	32.25	32.18	32.35	-5
Philippines .....	34.96	-	-	34.96	-	-
Singapore .....	-	153.36	-	153.36	( <sup>2</sup> )	-81.1
Oceania & Australia Total .....	-	-	-	-	( <sup>2</sup> )	-
Australia .....	-	-	-	-	( <sup>2</sup> )	-
New Zealand .....	-	-	-	-	( <sup>2</sup> )	-
Africa Total .....	-	-	68.21	-	45.43	+
Egypt .....	-	-	68.21	-	68.21	-
Morocco .....	-	-	-	-	45.36	+
Total .....	42.35	53.32	49.40	53.33	54.14	-1.5

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$200.00 or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.

(\*) Rounded to zero

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 20. Coke Exports**  
(Short Tons)

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	42,676	15,374	39,359	170,260	139,408	22.1
Canada .....	36,744	10,225	33,359	120,987	97,648	23.9
Honduras .....	56	-	-	212	88	140.9
Mexico .....	5,876	5,149	6,000	49,061	41,672	17.7
South America Total .....	-	-	-	24,281	-	-
Chile .....	-	-	-	71	-	-
Peru .....	-	-	-	1,702	-	-
Venezuela .....	-	-	-	22,508	-	-
Europe Total .....	78	9,444	39,686	52,175	246,800	-78.9
Belgium & Luxembourg .....	-	-	15,470	21,483	53,345	-59.7
Bulgaria .....	-	-	-	-	68,132	-
France .....	-	-	-	-	53,343	-
Italy .....	-	-	-	-	10,332	-
Netherlands .....	-	-	-	15,304	30,889	-50.5
Norway .....	-	-	-	-	6,543	-
Spain .....	-	-	24,216	-	24,216	-
Sweden .....	-	9,368	-	9,368	-	-
United Kingdom .....	78	76	-	154	-	-
Yugoslavia .....	-	-	-	5,866	-	-
Asia Total .....	-	-	46	15,496	46	(1)
India .....	-	-	19	-	19	-
Japan .....	-	-	27	15,273	27	(1)
Korea, Republic of .....	-	-	-	223	-	-
Africa Total .....	-	-	-	-	1,102	-
Nigeria .....	-	-	-	-	1,102	-
Total .....	42,754	24,818	79,091	262,212	387,356	-32.3

<sup>1</sup> Percent changes of 1000% or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 21. Average Price<sup>1</sup> of Coke Exports  
(Dollars per Short Ton)**

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	\$82.75	\$108.55	\$85.60	\$92.68	\$112.82	-17.8
Canada .....	80.96	116.80	84.69	94.20	108.21	-12.9
Honduras .....	160.71	-	-	196.93	( <sup>2</sup> )	-34.4
Mexico .....	93.19	92.16	90.70	88.50	123.22	-28.2
South America Total .....	-	-	-	53.27	-	-
Chile .....	-	-	-	84.30	-	-
Peru .....	-	-	-	95.27	-	-
Venezuela .....	-	-	-	50.00	-	-
Europe Total .....	84.91	43.20	57.27	70.85	61.86	14.5
Belgium & Luxembourg .....	-	-	95.26	82.56	75.92	8.7
Bulgaria .....	-	-	-	-	78.78	-
France .....	-	-	-	-	45.50	-
Italy .....	-	-	-	-	90.51	-
Netherlands .....	-	-	-	81.60	44.06	85.2
Norway .....	-	-	-	-	50.00	-
Spain .....	-	-	33.00	-	33.00	-
Sweden .....	-	42.87	-	42.87	-	-
United Kingdom .....	84.91	85.01	-	84.96	-	-
Yugoslavia .....	-	-	-	44.22	-	-
Asia Total .....	-	-	81.65	132.74	81.65	62.6
India .....	-	-	78.32	-	78.32	-
Japan .....	-	-	84.00	133.43	84.00	58.9
Korea, Republic of .....	-	-	-	84.86	-	-
Africa Total .....	-	-	-	-	( <sup>2</sup> )	-
Nigeria .....	-	-	-	-	( <sup>2</sup> )	-
Total .....	82.75	83.68	71.38	87.06	80.80	7.7

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$200.00 or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 22. Briquette Exports**  
(Short Tons)

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	704	15,087	25	16,925	1,720	884.0
Barbados .....	53	-	-	81	-	-
Canada .....	-	14,290	25	14,371	34	(1)
Mexico .....	651	797	-	2,473	1,668	48.3
Trinidad & Tobago .....	-	-	-	-	18	-
Europe Total .....	-	5,134	-	5,134	188	(1)
Iceland .....	-	-	-	-	106	-
Italy .....	-	5,134	-	5,134	63	(1)
United Kingdom .....	-	-	-	-	19	-
Asia Total .....	-	-	-	39,677	-	-
Lebanon .....	-	-	-	39,677	-	-
Total .....	704	20,221	25	61,736	1,908	(1)

<sup>1</sup> Percent changes of 1000% or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 23. Average Price<sup>1</sup> of Briquette Exports**  
(Dollars per Short Ton)

Continent and Country of Destination	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	\$94.44	\$31.33	\$79.56	\$37.40	\$104.71	-64.3
Barbados .....	79.81	-	-	79.26	-	-
Canada .....	-	28.64	79.56	29.15	95.12	-69.3
Mexico .....	95.63	79.59	-	83.92	105.14	-20.2
Trinidad & Tobago .....	-	-	-	-	83.33	-
Europe Total .....	-	32.72	-	32.72	(2)	-85.9
Iceland .....	-	-	-	-	160.38	-
Italy .....	-	32.72	-	32.72	(2)	-90.1
United Kingdom .....	-	-	-	-	(2)	-
Asia Total .....	-	-	-	41.73	-	-
Lebanon .....	-	-	-	41.73	-	-
Total .....	94.44	31.68	79.56	39.79	117.21	-66.0

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$200.00 or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 24. Coal Imports<sup>1</sup> by Continent and Country of Origin  
(Short Tons)**

Continent and Country of Origin	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
<b>North America Total</b>	<b>21,566</b>	<b>55,502</b>	<b>40,585</b>	<b>247,691</b>	<b>205,076</b>	<b>20.8</b>
Canada	14,867	55,502	40,585	239,084	204,241	17.1
Mexico	6,699	-	-	8,607	835	930.8
<b>South America Total</b>	<b>96,694</b>	<b>48,507</b>	<b>23,633</b>	<b>443,989</b>	<b>362,497</b>	<b>22.5</b>
Colombia	96,694	48,507	23,633	443,989	362,497	22.5
<b>Europe Total</b>	<b>-</b>	<b>-</b>	<b>59</b>	<b>194</b>	<b>233</b>	<b>-16.7</b>
Italy	-	-	-	-	174	-
Netherlands	-	-	59	-	59	-
United Kingdom	-	-	-	194	-	-
<b>Asia Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>139</b>	<b>-</b>
China (Peking)	-	-	-	-	99	-
Indonesia	-	-	-	-	40	-
<b>Oceania &amp; Australia Total</b>	<b>-</b>	<b>31,171</b>	<b>-</b>	<b>121,606</b>	<b>-</b>	<b>-</b>
Australia	-	31,171	-	121,606	-	-
<b>Africa Total</b>	<b>-</b>	<b>-</b>	<b>125,445</b>	<b>-</b>	<b>492,850</b>	<b>-</b>
South Africa, Rep of	-	-	125,445	-	492,850	-
<b>Total</b>	<b>118,260</b>	<b>135,180</b>	<b>189,722</b>	<b>813,480</b>	<b>1,060,795</b>	<b>-23.3</b>

<sup>1</sup> Includes Puerto Rico.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 25. Average Price<sup>1</sup> of Coal Imports<sup>2</sup> by Continent and Country of Origin**  
(Dollars per Short Ton)

Continent and Country of Origin	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
<b>North America Total</b>	<b>\$32.48</b>	<b>\$27.53</b>	<b>\$39.47</b>	<b>\$36.14</b>	<b>\$36.23</b>	<b>-0.2</b>
Canada	41.23	27.53	39.47	36.94	36.33	1.7
Mexico	13.07	-	-	13.97	11.79	18.5
<b>South America Total</b>	<b>34.51</b>	<b>32.64</b>	<b>39.19</b>	<b>32.91</b>	<b>34.41</b>	<b>-4.3</b>
Colombia	34.51	32.64	39.19	32.91	34.41	-4.3
<b>Europe Total</b>	<b>-</b>	<b>-</b>	<b>50.07</b>	<b>159.16</b>	<b>78.45</b>	<b>102.9</b>
Italy	-	-	-	-	88.08	-
Netherlands	-	-	50.07	-	50.07	-
United Kingdom	-	-	-	159.16	-	-
<b>Asia Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>67.63</b>	<b>-</b>
China (Peking)	-	-	-	-	54.55	-
Indonesia	-	-	-	-	100.00	-
<b>Oceania &amp; Australia Total</b>	<b>-</b>	<b>35.15</b>	<b>-</b>	<b>27.06</b>	<b>-</b>	<b>-</b>
Australia	-	35.15	-	27.06	-	-
<b>Africa Total</b>	<b>-</b>	<b>-</b>	<b>35.45</b>	<b>-</b>	<b>35.45</b>	<b>-</b>
South Africa, Rep of	-	-	35.45	-	35.45	-
<b>Total</b>	<b>34.14</b>	<b>31.12</b>	<b>36.78</b>	<b>33.05</b>	<b>35.26</b>	<b>-6.3</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Includes Puerto Rico.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 26. Coal Imports by Customs District  
(Short Tons)**

Customs District	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
<b>Eastern Total</b>	<b>28,756</b>	—	40	<b>37,298</b>	<b>344</b>	( <sup>1</sup> )
Boston, MA	28,736	—	—	28,736	99	( <sup>1</sup> )
Portland, ME	20	—	40	38	40	-5.0
Buffalo, NY	—	—	—	—	31	—
New York City, NY	—	—	—	178	174	2.3
Philadelphia, PA	—	—	—	8,346	—	—
<b>Southern Total</b>	<b>74,657</b>	<b>48,507</b>	<b>149,137</b>	<b>475,108</b>	<b>856,241</b>	-44.5
Mobile, AL	—	—	125,445	88,417	492,850	-82.1
Tampa, FL	—	—	—	30,329	—	—
New Orleans, LA	67,958	—	—	193,319	249,277	-22.4
San Juan, PR	—	48,507	23,633	154,420	113,220	36.4
Houston-Galveston, TX	—	—	59	16	59	-72.9
Laredo, TX	6,699	—	—	8,607	835	930.8
<b>Western Total</b>	<b>11,082</b>	<b>54,887</b>	<b>30,550</b>	<b>162,968</b>	<b>174,720</b>	-6.7
Los Angeles, CA	—	—	—	—	40	—
San Francisco, CA	—	—	21,648	—	42,282	—
Honolulu, HI	—	31,171	—	62,028	—	—
Great Falls, MT	10,056	12,749	5,578	65,560	89,186	-26.5
Seattle, WA	1,026	10,967	3,324	35,380	43,212	-18.1
<b>Northern Total</b>	<b>3,765</b>	<b>31,786</b>	<b>9,995</b>	<b>138,106</b>	<b>29,490</b>	368.3
Chicago, IL	—	27,239	—	118,377	—	—
Detroit, MI	21	—	—	58	—	—
Duluth, MN	—	—	—	—	186	—
Pembina, ND	3,744	4,547	9,995	19,671	29,304	-32.9
<b>Total</b>	<b>118,260</b>	<b>135,180</b>	<b>189,722</b>	<b>813,480</b>	<b>1,060,795</b>	-23.3

<sup>1</sup> Percent changes of 1000% or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 27. Average Price<sup>1</sup> of Coal Imports by Customs District  
(Dollars per Short Ton)**

Customs District	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
<b>Eastern Total</b>	\$27.06	-	\$113.00	\$28.30	\$82.99	-65.9
Boston, MA	27.00	-	-	27.00	54.55	-50.5
Portland, ME	113.00	-	113.00	122.11	113.00	8.1
Buffalo, NY	-	-	-	-	106.58	-
New York City, NY	-	-	-	131.61	88.08	49.4
Philadelphia, PA	-	-	-	30.17	-	-
<b>Southern Total</b>	35.47	\$32.64	36.05	31.80	34.99	-9.1
Mobile, AL	-	-	35.45	24.80	35.45	-30.0
Tampa, FL	-	-	-	37.80	-	-
New Orleans, LA	37.68	-	-	33.33	33.68	-1.0
San Juan, PR	-	32.64	39.19	33.67	36.02	-6.5
Houston-Galveston, TX	-	-	50.07	( <sup>2</sup> )	50.07	830.0
Laredo, TX	13.07	-	-	13.97	11.79	18.5
<b>Western Total</b>	35.95	33.41	31.38	31.20	31.52	-1.0
Los Angeles, CA	-	-	-	-	100.00	-
San Francisco, CA	-	-	30.03	-	27.55	-
Honolulu, HI	-	35.15	-	30.52	-	-
Great Falls, MT	36.58	38.05	33.50	35.09	31.80	10.4
Seattle, WA	29.85	23.10	36.61	25.16	34.78	-27.7
<b>Northern Total</b>	56.38	24.83	63.93	40.82	64.69	-36.9
Chicago, IL	-	19.84	-	38.16	-	-
Detroit, MI	( <sup>2</sup> )	-	-	( <sup>2</sup> )	-	-
Duluth, MN	-	-	-	-	46.66	-
Pembina, ND	53.62	54.74	63.93	56.17	64.80	-13.3
<b>Total</b>	34.14	31.12	36.78	33.05	35.26	-6.3

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$200.00 or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Note 8 for more information.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 28. Coke Imports**  
(Short Tons)

Continent and Country of Origin	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	33,192	1,775	1,458	125,339	13,518	+834.6
Canada .....	33,192	1,775	1,458	125,339	13,518	+834.6
South America Total .....	-	-	-	500	500	-
Venezuela .....	-	-	-	500	500	-
Europe Total .....	-	-	-	-	16	-
West Germany .....	-	-	-	-	16	-
Asia Total .....	37,022	40,633	83,286	127,026	408,116	+38.5
Japan .....	37,022	40,633	83,286	127,026	408,116	+38.5
Oceania & Australia Total .....	33,380	-	-	35,757	125	+1
Australia .....	33,380	-	-	35,757	125	+1
Total .....	103,594	42,408	84,744	288,622	200,234	+31.6

<sup>1</sup> Percent changes of 1000% or more are not shown. See the *Quarterly Coal Report* (DOE/EIA-0121(85/3Q)) Technical Notes for a discussion of percent change.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 29. Average Price<sup>1</sup> of Coke Imports**  
(Dollars per Short Ton)

Continent and Country of Origin	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
North America Total .....	\$47.23	\$86.94	\$77.37	\$37.33	\$78.81	-52.6
Canada .....	47.23	86.94	77.37	37.33	78.81	-52.6
South America Total .....	-	-	-	54.40	-	-
Venezuela .....	-	-	-	54.40	-	-
Europe Total .....	-	-	-	-	77.97	-
West Germany .....	-	-	-	-	77.97	-
Asia Total .....	68.49	71.44	75.25	72.46	77.78	+6.8
Japan .....	68.49	71.44	75.25	72.46	77.78	+6.8
Oceania & Australia Total .....	51.07	-	-	54.19	99.23	+45.4
Australia .....	51.07	-	-	54.19	99.23	+45.4
Total .....	56.07	72.09	75.29	54.91	77.85	-29.5

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 30. Briquette Imports**  
(Short Tons)

Continent and Country of Origin	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
<b>North America Total</b>	-	-	-	-	962	-
Canada	-	-	-	-	962	-
<b>South America Total</b>	37,195	-	-	70,202	20,249	246.7
Argentina	-	-	-	-	20,249	-
Colombia	37,195	-	-	70,202	-	-
<b>Oceania &amp; Australia Total</b>	-	298	-	57,604	-	-
Australia	-	298	-	57,604	-	-
<b>Total</b>	37,195	298	-	127,806	21,211	502.5

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 31. Average Price<sup>1</sup> of Briquette Imports**  
(Dollars per Short Ton)

Continent and Country of Origin	June 1987	May 1987	June 1986	Year to date		
				1987	1986	Percent Change
<b>North America Total</b>	-	-	-	-	\$53.05	-
Canada	-	-	-	-	53.05	-
<b>South America Total</b>	\$32.49	-	-	\$28.30	48.56	-41.7
Argentina	-	-	-	-	48.56	-
Colombia	32.49	-	-	28.30	-	-
<b>Oceania &amp; Australia Total</b>	-	\$25.40	-	21.57	-	-
Australia	-	25.40	-	21.57	-	-
<b>Total</b>	32.49	25.40	-	25.27	48.76	-48.2

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

# EIA Coal Publications

## Data Reports

*Coal Production* reports annual coal production, average mine price, average daily production, daily productive capacity, mine stocks, recoverable reserves, average recovery percentage, average productivity per miner per hour, average number of miners working daily, number of days worked, and the Nation's demonstrated reserve base (DRB). (Issued annually, \$6.50, 131 pages.)

*Coal Data: A Reference* is a comprehensive overview of U.S. coal mining which is designed to be of value to both laypersons and technicians. It summarizes current and historical production, consumption, stocks, and prices. (Issued biennially.)

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*Quarterly Coal Report* highlights coal-related legislation and industry trends; and quarterly coal production, coal exports and imports, domestic coal consumption, receipts, and stocks. (Issued quarterly, \$4.75 for single copy, \$17 for annual subscription, 136 pages.)

*Weekly Coal Production* provides weekly production estimates of U.S. coal by state, as well as supplementary data which are published twice a month. Supplement 1 includes monthly statistics on U.S. coal production and aggregated annual historical data on coal supply

and demand, consumption, stocks, imports, and exports. Supplement 2 contains monthly data covering electric utility coal consumption, stocks, and receipts; and coal imports and exports. (Issued weekly, size varies from 4 to approximately 42 pages, \$57 for annual subscription.)

## Analytical Reports

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*Annual Prospects for World Coal Trade* projects U.S. coal exports and imports, analyzes world coal trade flows, and highlights both current and potential major coal exporting countries. (Issued annually, available in June 1987.) A special issue of this report entitled *Outlook for U.S. Coal Imports* projects U.S. coal imports and exports, analyzes key trends in the international coal trade market, and studies the impact of coal imports on the U.S. domestic and foreign coal markets. (One-time report, \$3.25, 66 pages.)

*Coal Exports: The European Market* is the companion report to EIA's study on the Asian market. The report analyzes the current structure of the European coal market and highlights information on the coal industry of each country that competes with U.S. coal exports to Europe. (Issued January 1987, \$2.50, 48 pages.)

To order these reports or to learn more about them, contact the National Energy Information Center at (202) 586-8800.

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# EIA Coal Datatapes and Models

## **Coal Datatapes**

The Coal Distribution datatape contains annual data beginning with 1980. (available July 1987).

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## **Coal Models**

**Coal Supply and Transportation Model (CSTM)** is used to forecast coal production levels and coal transportation flows. This model was used to develop projections which appear in *Outlook for U.S. Coal Imports*, the *Annual Energy Outlook*, and the *Annual Outlook for U.S. Coal*, served as the basis for a 1983 EIA report on rail deregulation and a 1985 EIA report on coal slurry pipelines, and provides forecasts for several other EIA coal and multi-fuel reports. (Order number is PB86-106259.) To obtain further information about contents, contact William Orchard-Hays, (202) 586-6856.

**International Coal Trade Model (ICTM)** projects coal trade flows and represents both all the major coal exporting countries and countries with the potential to become major coal exporters. (Order number is PB85-233781.) For further information about contents, contact Robert Schnapp, (202) 586-1760.

**National Coal Model (NCM)** is the most comprehensive and complex of EIA's coal models. Its most important role is to serve as the basis for coal supply and demand projections appearing in the *Annual Energy Outlook (AEO)*. (Order number is PB86-126372 /AS.) For further information, contact William Orchard-Hays, (202) 586-6856.

**Resource Allocation and Mine Costing (RAMC) Model** uses coal reserves and cost estimates for the development of new mines to construct long-term supply curves relating coal prices and production for specific types of coal, supply regions, and mining methods. These supply curves are used in the CSTM, ICTM, and NCM. (Order number is PB85-181626.) Additional information is available from William Orchard-Hays, (202) 586-6856.

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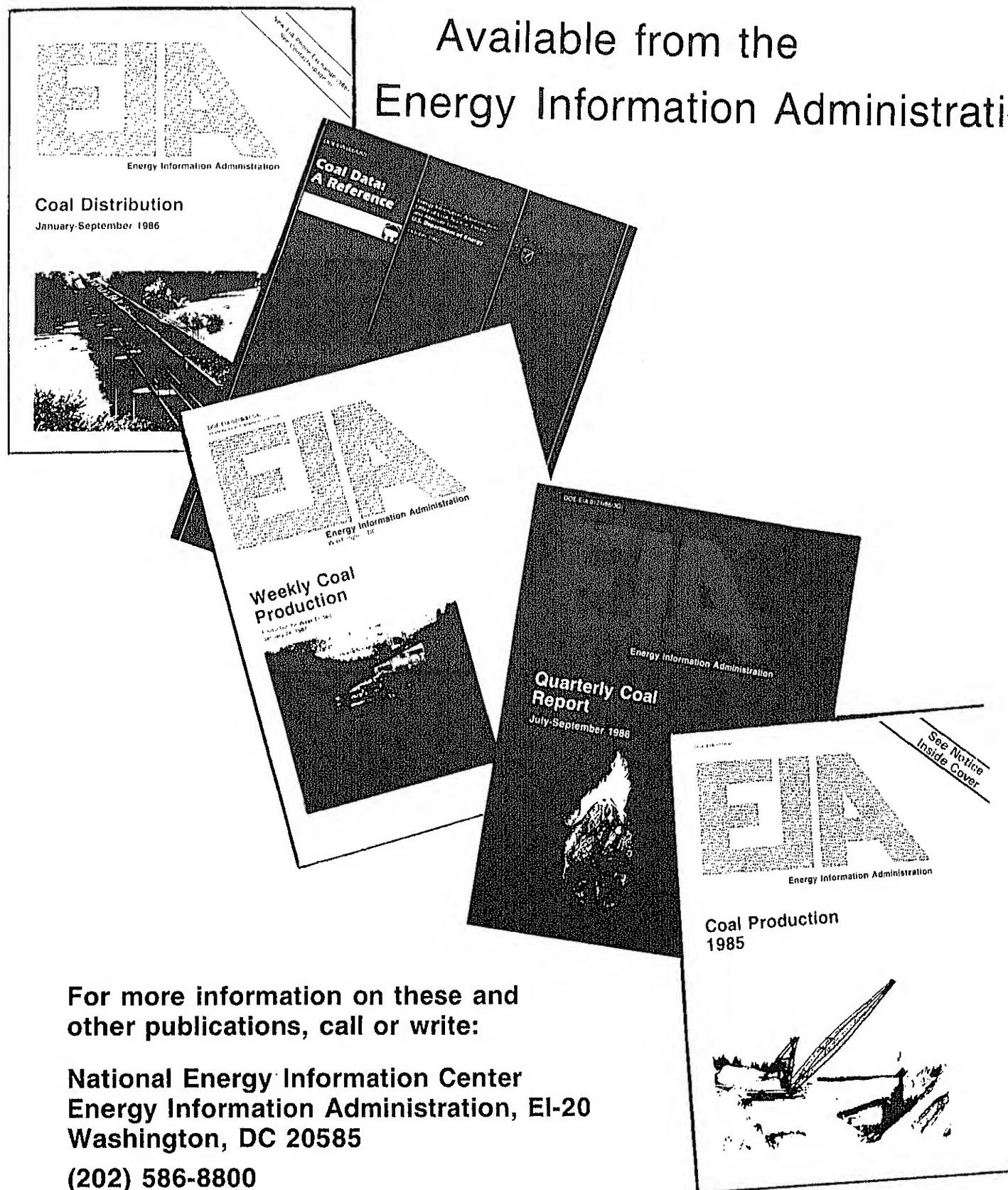
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